

Abstract

The present invention provides a method for presenting data within a computing environment including an application program interface. The method includes creating a tagged data object for storing data, encapsulating a data element

5 into the tagged data object to provide a tagged data, and packing the tagged data by converting the tagged data into a binary representation of the tagged data. The tagged data includes a corresponding tag id and the encapsulated data element.

Another aspect of the present invention includes unpacking a packed tagged data by converting the packed tagged data from a binary representation into a tagged

10 data, creating a tagged data object for storing the tagged data, and extracting a data element from the tagged data.